

AMENDMENTS TO THE CLAIMS

Following is a complete set of claims as amended with this Response. This complete set of claims includes amended claims 1 and 8 in includes new claims 15 and 16.

1. (Currently Amended) An implantable cardiac stimulation system comprising:
 - an implantable cardiac stimulating device;
 - at least one implantable electrode coupled to the implantable cardiac stimulating device, the implantable electrode operative to sense cardiac electrical activity and to provide an intracardiac electrogram signal; and
 - a filter to filter the intracardiac electrogram signal with a low frequency cutoff of no greater than about 1 to 2 Hz and a high frequency cutoff of no less than about 250 Hz to provide a filtered electrogram signal for display, the filtered electrogram signal having the appearance of a surface electrocardiogram.
2. (Original) The system of claim 1 wherein the implantable cardiac stimulation device comprises a telemetry circuit that transmits the filtered electrogram signal.
3. (Original) The system of claim 2 wherein the implantable cardiac stimulation device comprises a memory operative to store the filtered electrogram signal.
4. (Original) The system of claim 1 wherein the at least one electrode is adapted for implant in the right atrium of the heart.
5. (Original) The system of claim 1 wherein the at least one electrode is adapted for implant in or proximal to a ventricle of the heart.

6. (Original) The system of claim 1 wherein the at least one electrode comprises a first electrode adapted for implant in or proximal to an atrium of the heart and a second electrode adapted for implant in or proximal to a ventricle of the heart.

7. (Original) The system of claim 1 wherein the at least one electrode comprises a first electrode adapted for implant in the right atrium of the heart and a second electrode adapted for implant in the right ventricle of the heart.

8. (Currently Amended) An implantable cardiac stimulation system comprising:
an implantable cardiac stimulating device;
at least one implantable electrode coupled to the implantable cardiac stimulating device, the implantable electrode operative to sense cardiac electrical activity and to provide an intracardiac electrogram signal; and
a filter to filter the intracardiac electrogram signal with a low frequency cutoff of no greater than about 1 to 2 Hz and a high frequency cutoff of about 250 Hz to provide a filtered electrogram signal for display, the filtered electrogram signal having the appearance of a surface electrocardiogram.

9. (Original) The system of claim 7 wherein the implantable cardiac stimulation device comprises a telemetry circuit that transmits the filtered electrogram signal.

10. (Original) The system of claim 9 wherein the implantable cardiac stimulation device comprises a memory operative to store the filtered electrogram signal.

11. (Original) The system of claim 7 wherein the at least one electrode is adapted for implant in the right atrium of the heart.

12. (Original) The system of claim 7 wherein the at least one electrode is adapted for implant in or proximal to a ventricle of the heart.

13. (Original) The system of claim 7 wherein the at least one electrode comprises a first electrode adapted for implant in or proximal to an atrium of the heart and a second electrode adapted for implant in or proximal to a ventricle of the heart.

14. (Original) The system of claim 7 wherein the at least one electrode comprises a first electrode adapted for implant in the right atrium of the heart and a second electrode adapted for implant in the right ventricle of the heart.

15. (New) The system of claim 1 further comprising an external display device to display the filtered electrogram signal, the filtered electrogram signal resembling a surface electrocardiogram.

16. (New) The system of claim 8 further comprising an external display device to display the filtered electrogram signal, the filtered electrogram signal resembling a surface electrocardiogram.